

Appln. No. 10/783,572  
Filing Date: February 20, 2004  
Supp. Prel. Amdt. dated May 15, 2006

**AMENDMENTS TO THE SPECIFICATION**

In the section titled "CROSS REFERENCE TO RELATED APPLICATIONS", please amend the paragraph that begins with the text, "This application is a continuation...", as follows:

This application is a continuation of U.S. Serial No. 10/141,506 filed May 8, 2002, (Attorney Docket Nos. 14364US01 and DN37998XGB), now U.S. Patent No. 6,850,510 issued February 1, 2005, which is a continuation of U.S. Serial No. 09/037,535 filed March 10, 1998, now U.S. Patent No. 6,389,010 issued May 14, 2002, which is a continuation of U.S. Serial No. 08/539,817 filed October 5, 1995, now U.S. Patent No. 5,726,984 issued March 10, 1998.

Please insert the following new paragraphs after the existing text of the section titled "CROSS REFERENCE TO RELATED APPLICATIONS" and immediately before the section title "STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT":

The subject matter of the present application is related to the following United States Patent Applications:

United State Patent Application Ser. No. 10/682,591 (Attorney Docket No. 14364US02), filed October 9, 2003;

United States Patent Application Ser. No. 10/701,865 (Attorney Docket No. 14364US03), filed November 5, 2003;

United States Patent Application Ser. No. 10/760,057 (Attorney Docket No. 14364US04), filed January 16, 2004;

United States Patent Application Ser. No. 10/760,035 (Attorney Docket No. 14364US05), filed January 16, 2004;

United States Patent Application Ser. No. 10/759,969 (Attorney Docket No. 14364US06), filed January 16, 2004;

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United States Patent Application Ser. No. 10/760,167 (Attorney Docket No. 14364US07), filed January 16, 2004;

United States Patent Application Ser. No. 10/783,587 (Attorney Docket No. 14364US08), filed February 20, 2004;

United States Patent Application Ser. No. 10/760,322 (Attorney Docket No. 14364US10), filed January 16, 2004;

United States Patent Application Ser. No. 10/706,425 (Attorney Docket No. 14364US11), filed November 12, 2003;

United States Patent Application Ser. No. 10/801,472 (Attorney Docket No. 14364US12), filed March 16, 2004;

United States Patent Application Ser. No. 10/783,888 (Attorney Docket No. 14364US13), filed February 20, 2004;

United States Patent Application Ser. No. 10/784,005 (Attorney Docket No. 14364US14), filed February 20, 2004, now U.S. Patent No. 6,961,312, issued November 1, 2005;

United States Patent Application Ser. No. 10/783,873 (Attorney Docket No. 14364US15), filed February 20, 2004;

United States Patent Application Ser. No. 10/783,883 (Attorney Docket No. 14364US16), filed February 20, 2004;

United States Patent Application Ser. No. 10/783,477 (Attorney Docket No. 14364US17), filed February 20, 2004;

United States Patent Application Ser. No. 10/783,894 (Attorney Docket No. 14364US18), filed February 20, 2004;

United States Patent Application Ser. No. 10/783,437 (Attorney Docket No. 14364US19), filed February 20, 2004;

United States Patent Application Ser. No. 10/783,375 (Attorney Docket No. 14364US20), filed February 20, 2004;

United States Patent Application Ser. No. 10/822,462 (Attorney Docket No. 14364US21), filed April 12, 2004;

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United States Patent Application Ser. No. 11/183,704 (Attorney Docket No. 14364US22), filed July 18, 2005;

United States Patent Application Ser. No. 10/839,373 (Attorney Docket No. 14364US23), filed May 5, 2004; and

United States Patent Application Ser. No. 10/822,447 (Attorney Docket No. 14364US24), filed April 8, 2004.

Please amend the paragraph that begins with the text "Fig. B illustrates an embodiment ..." on page 15 of the Application, as follows:

Fig. ~~[[B]]~~5B illustrates an embodiment of an access interval used by the hierarchical network of the present invention wherein a device response follows a reservation poll.

Please amend the paragraph that begins with the text "If the NET is lightly loaded, ..." on page 51 of the Application, as follows:

If the NET is lightly loaded, the pending message list is short, and the NET is not subject to significant interference from other nearby NETS, the control point device will generally specify a single slot 501 as shown in Fig. 5a, with a  $p$  factor  $< 1$ . In this case, the reservation phase is Idle Sense Multiple Access ("ISMA"). Devices with transmission requirements that successfully detect the Reservation Poll will transmit a Request for Poll ("RFP") with probability  $p$  and defer transmission with probability  $1-p$ . Fig. ~~[[b]]~~5B shows a device response address 65 503 following the reservation poll.